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U.S. PTO
18631

UTILITY

PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No. 5163-004/CIT-4

First Inventor or Application Identifier Kocher, et al.

Title Alternative Energy System Control Method and Apparatus

Express Mail Label No. EV 368751615 US

10/17/01
10/17/01
22300 USPTO

12303

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. *Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 43]
(preferred arrangement set forth below)
 - Descriptive title to the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
4. Oath or Declaration (unsigned) [Total Pages 4]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & document(s))
9. 37 C.F.R. § 3.73(b) Statement Power of Attorney
(when there is an assignee)
10. English Translation Document (if applicable)
11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. *Small Entity Statement filed in prior application, Status still proper and desired
Statement(s)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Other: Express Mail Certification

***NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary statement:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____ / _____
Prior application information: Examiner: Group/Art Unit: _____

18. CORRESPONDENCE ADDRESS

 Customer Numberor Correspondence address below

NAME	LARRY I. GOLDEN SQUARE D COMPANY				
ADDRESS	1415 South Roselle Road				
CITY	Palatine	STATE	IL	ZIP CODE	60067
COUNTRY	USA	TELEPHONE	847-925-3458	FAX	
Name (Print/Type)	Michael D. Murphy			Registration No. (Attorney/Agent)	44,958
Signature				Date	December 30, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1

These are the fees effective December 29, 1999.

*Small Entity payments must be supported by a small entity statement.
otherwise, large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.*

TOTAL AMOUNT OF PAYMENT (\$1,378.00)

Complete if Known

Application Number	TBA
Filing Date	
First Named Inventor	Mark John Kocher
Examiner Name	TBA
Group Art Unit	TBA
Attorney Docket No.	5163-004/CIT-4

METHOD OF PAYMENT (check one)

1. The Commission is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 18-1167

Deposit Account Name Coats & Bennett, P.L.L.C.

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 Charge the Issue Fee Set in 37 CFR § 1.18 at the Mailing of the Notice of Allowance

2. Payment Enclosed:
 Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	770	Utility filing fee	770.00
106	310	Design filing fee	
107	480	Plant filing fee	
108	760	Reissue filing fee	
114	150	Provisional filing fee	
SUBTOTAL (1)			(\$770.00)

2. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Total Claims 49	-20** = 29 X 18.00 = 522.00	
Independent 4	-3** = 1 X 86.00 = 86.00	
Claims		
Multiple Dependent Claims	X =	

*** or number previously paid, if greater; For Reissues, see below*

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	Claims in excess of 20
102	78	Independent claims in excess of 3
104	260	Multiple dependent claim
109	78	**Reissue independent claims over original patent
110	18	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$608.00)

FEE CALCULATION (continued)

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2,520	For filing a request for reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	Requesting publication of SIR after Examination action	
115	110	Extension for reply within first month	
116	380	Extension for reply within second month	
117	870	Extension for reply within third month	
118	1,360	Extension for reply within fourth month	
128	1,850	Extension for reply within fifth month	
119	300	Notice of Appeal	
120	300	Filing a brief in support of an appeal	
121	260	Request for oral hearing	
138	1,510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1,210	Petition to revive - unintentional	
142	1,210	Utility issue fee (or reissue)	
143	430	Design issue fee	
144	580	Plant issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	240	Submission of Information Disclosure Stmt.	
581	40	Recording each patent assignment per property (times number of properties)	
146	760	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) _____

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Michael D. Murphy			Reg. Number	44,958
Signature		Date	December 30, 2003	Deposit Account User ID	18-1167

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Koch r, et al.)
Serial No.:)
Filed:)
Title: **Alternative Energy System Control
Method and Apparatus**)
)
Attorney's Docket No: 5163-004/CIT-4

**EXPRESS MAIL CERTIFICATION
LABEL NO.: EV 368751615 US**

Raleigh, North Carolina
December 30, 2003

MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Sir:

EXPRESS MAIL CERTIFICATE LABEL NO.: EV 368751615 US

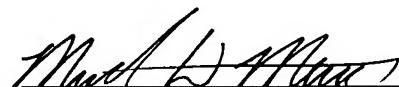
DATE MAILED: December 30, 2003

I hereby certify that the enclosed US Utility Patent Application Transmittal Form, Fee Transmittal Form (2 Copies), specification and claims, drawings (1 set of 8 sheets), Declaration and Power of Attorney (unsigned), and our check number 10889 in the amount of \$1,378.00 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to: **Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Respectfully submitted,

COATS & BENNETT, P.L.L.C.

By:



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Registration No. 44,958

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